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PATENT  
Attorney Docket No.: 015389-002630US  
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Commissioner for Patents  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

By: Janet L. Newmaker  
Janet L. Newmaker

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: MAMMALIAN CELLS THAT  
HAVE INCREASED  
PROLIFERATIVE CAPACITY  
(AMENDED)

Customer No.: 20350

Confirmation No.: 4930

Examiner: Lieto, Louis D

Art Unit: 1632

SUPPLEMENTAL AMENDMENT

Commissioner for Patents  
Mail Stop Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This response is supplemental to the response filed on September 21, 2004, which was a complete response filed in reply to the Office Action mailed July 29, 2004.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 9 of this paper and include an attached replacement sheet.

Application No. 10/044,539

PATENT

Supplemental Amendment dated October 12, 2004

Supplemental Reply to Office Action of July 29, 2004

**Remarks/Arguments** begin on page 10 of this paper.